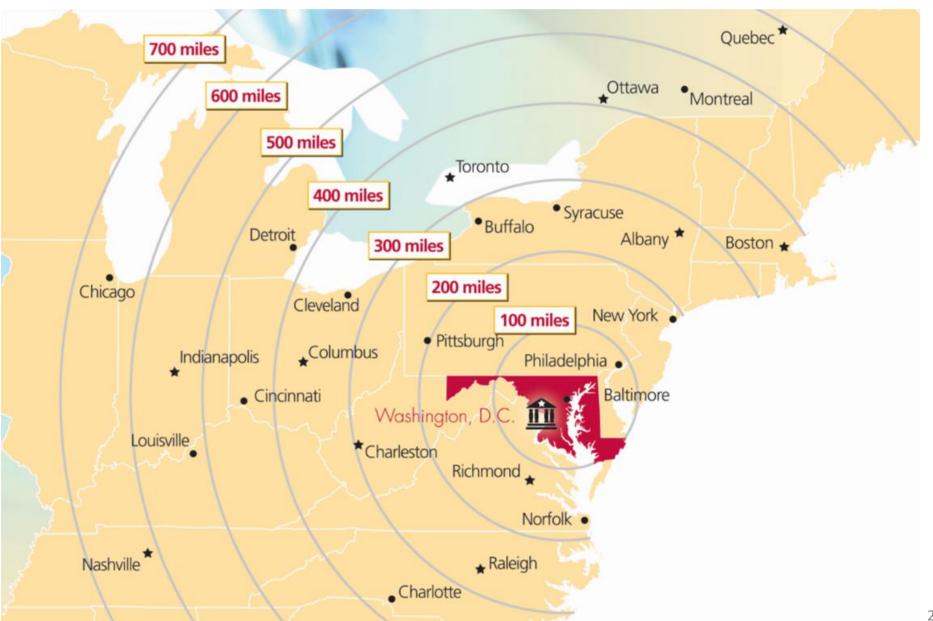


Welcome!









Connection to Maryland companies



Exchange of ideas with Maryland researchers

YOU

Maryland



Base of operations in the United States

The BioHealth Industry



Federal Civilian & Military Partners Academic Research Institutions

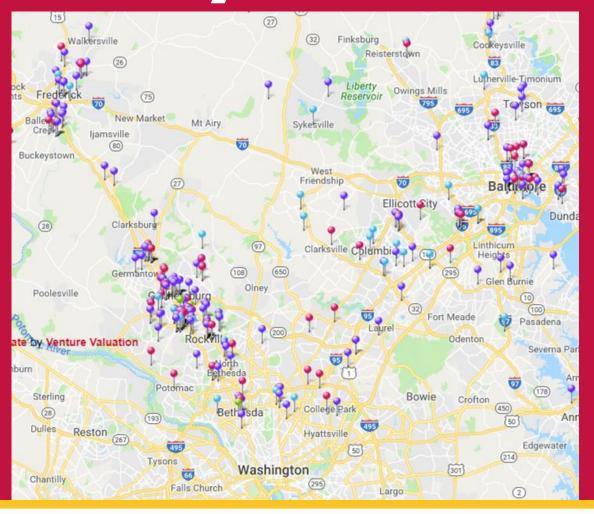
> Public-Private Partnerships

Biotechnology & MedTech

State & Local Government

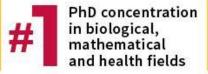
Industry Clusters

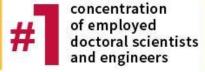






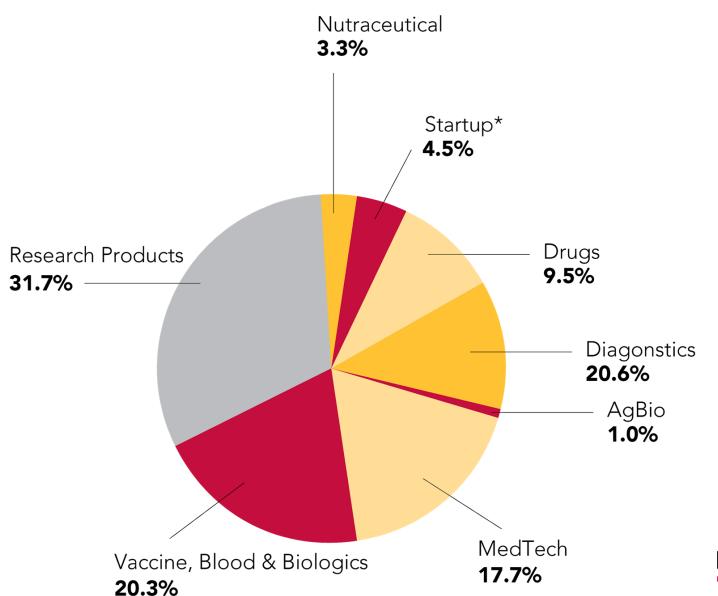






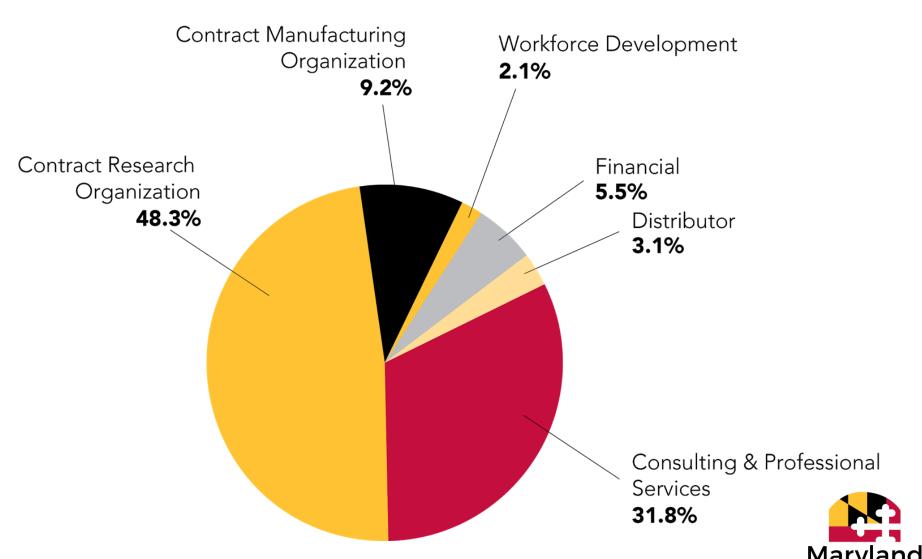


BioHealth Companies in Maryland

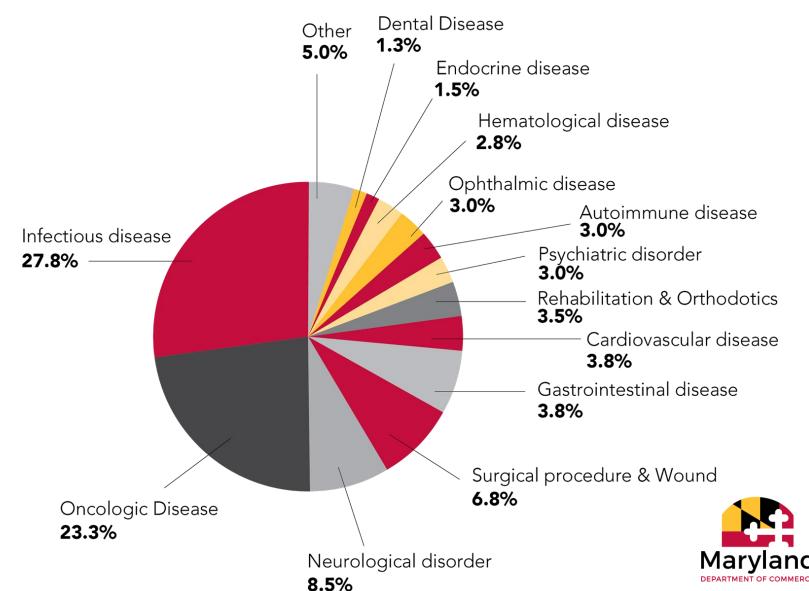




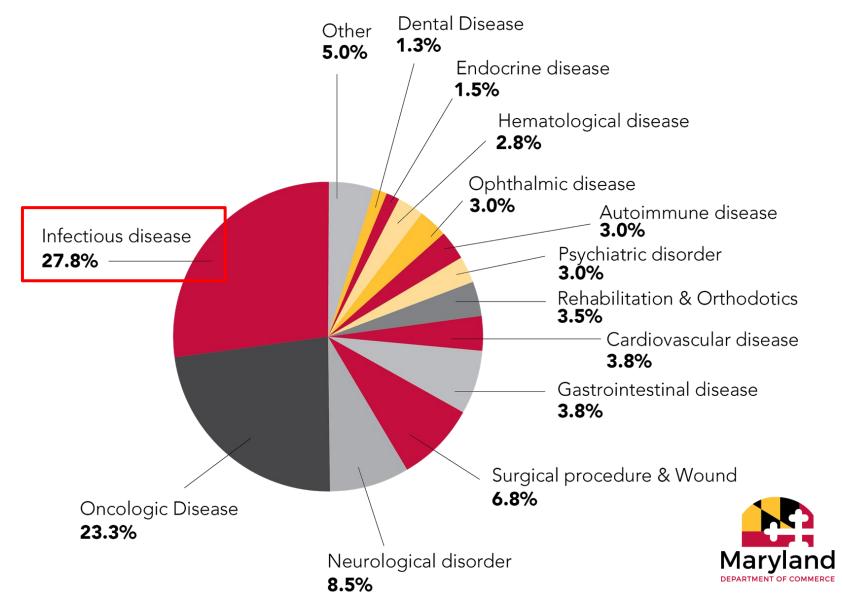
Service Companies in Maryland



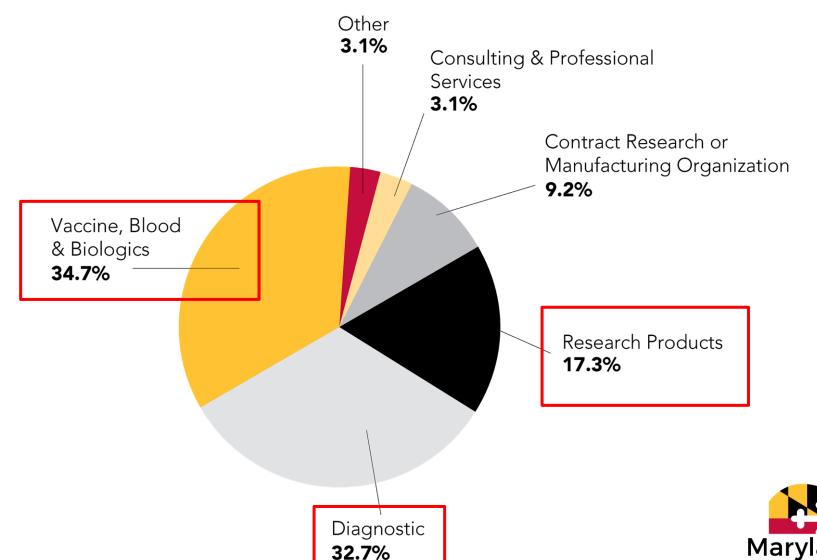
Therapeutic Areas of BioHealth Companies



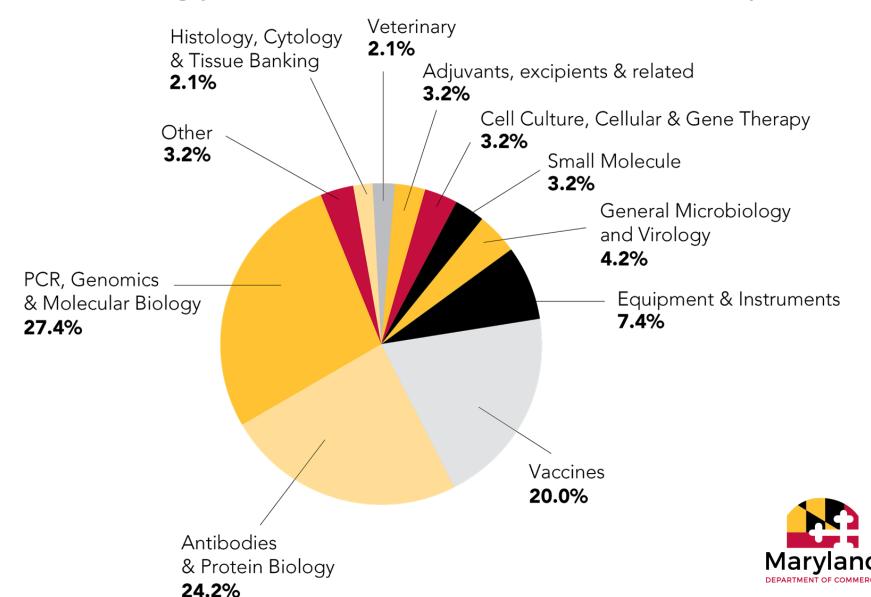
Therapeutic Areas of BioHealth Companies



Infectious disease companies in Maryland



Technology of Infectious Disease Companies



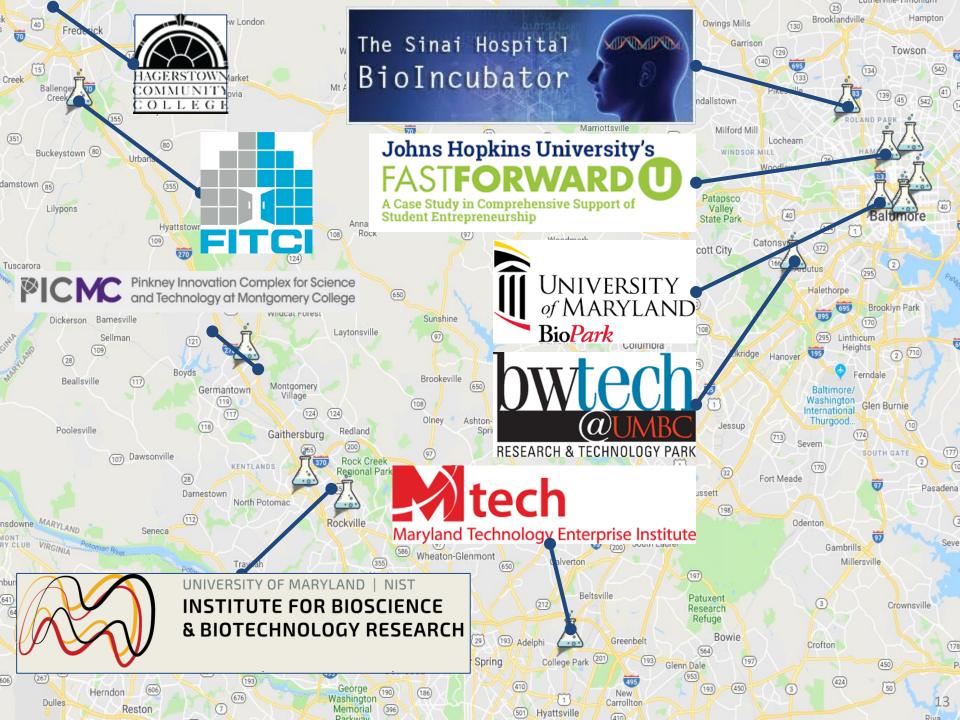
Cost of Living Index U.S. Metropolitan Areas 2017

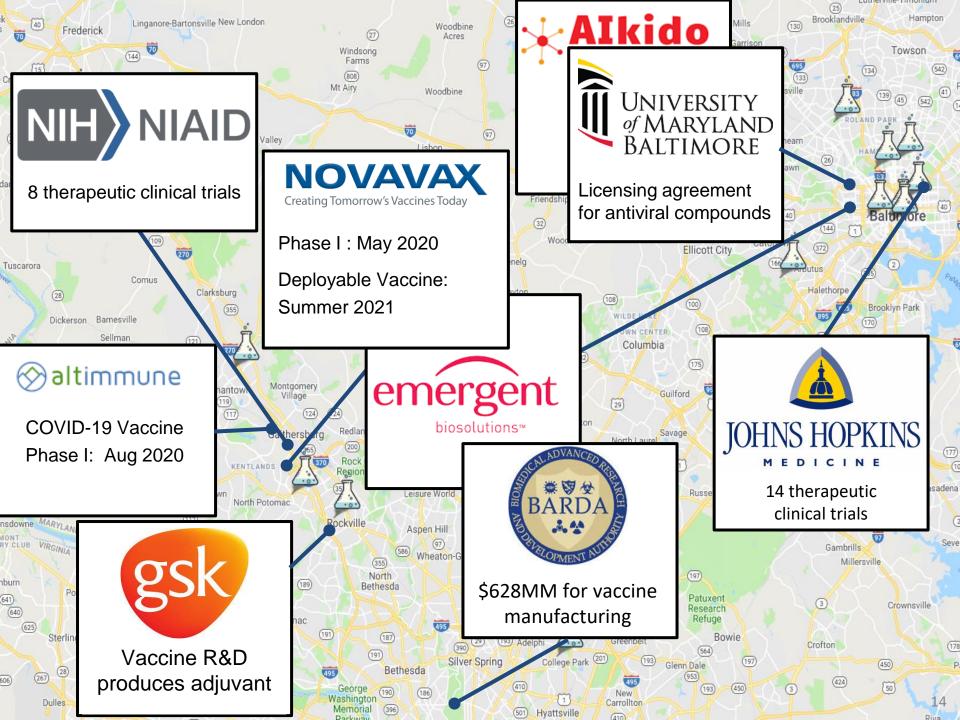
(avg. for all urban areas = 100.0)

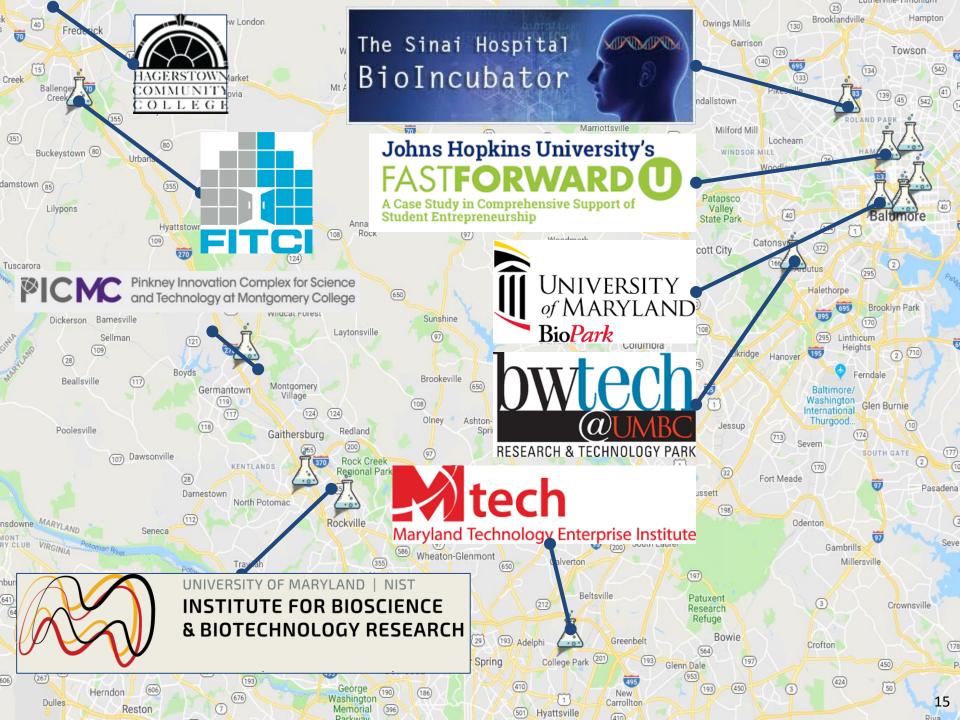
Baltimore, MD	117.0
Philadelphia, PA	117.2
Chicago, IL	123.6
Bergen-Passaic, NJ 125.8	
Bethesda-Gaithersburg-Frederick MD	140.4
Alexandria, VA	144.3
San Diego, CA	146.1
Boston, MA	148.2
Washington, DC	155.7
San Francisco, CA	192.9
New York (Manhattan), NY	238.6

Source: C2ER Cost of Living Index, 2017 Annual Average Data









Federal Partners













National Institute of Allergy and Infectious Diseases





oublic



Federal Government







TO THE REAL PROPERTY.



Non-profits



Traditional financing



State Government



BioHealth Innovation

MARYLAND TECH COUNCIL





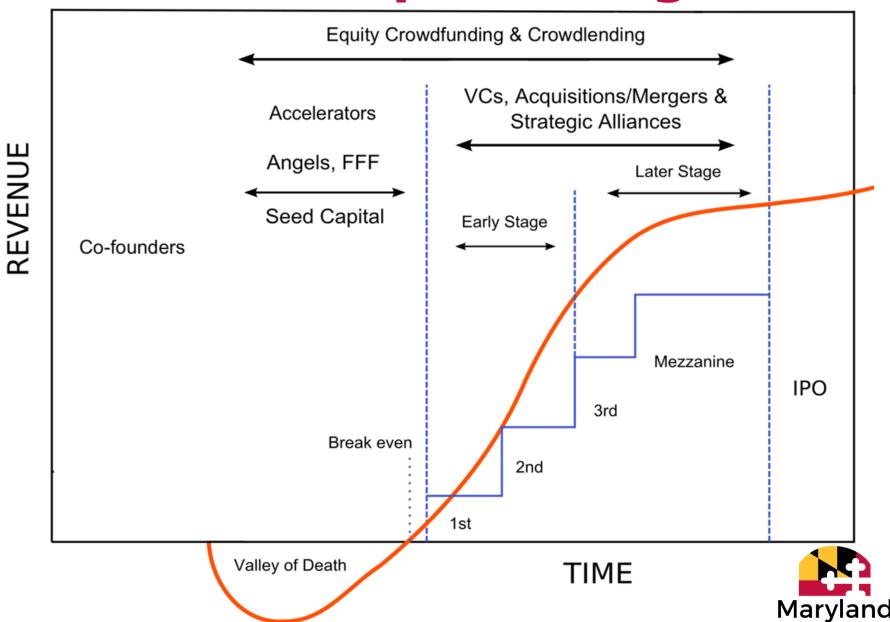


County & City Government

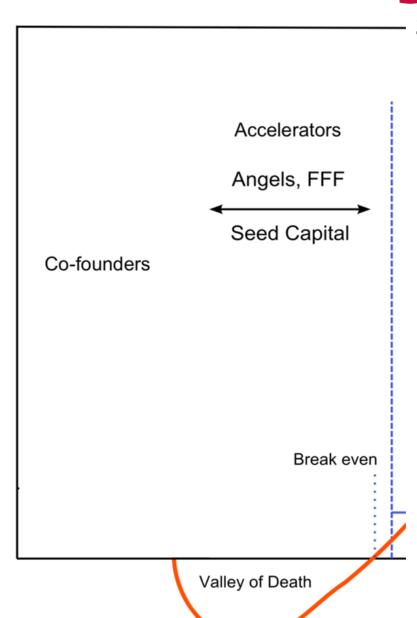


Angel Investors

Startup Funding



Seed Stage Funding



Small Business Innovation Research

- National Institutes of Health
- National Science Foundation
- Department of Defense
- National Institute of Science and Technology
- Department of Agriculture

Pitch Competitions

- Startup Grind: Columbia, Frederick, Baltimore
- Bioscience Day at University of Maryland
- Maryland Technology Council



Innovation Corps (I-Corps) Program

At NIH or NSF:

- Provides three-member project teams with access to instruction and mentoring
- Provides significantly refined commercialization plans and well-informed pivots in commercialization strategies

At Universities:

- UMD Intro to I-Corps Workshop: Kim Wallace at kkw03@umd.edu
- UMD FedTech Program: Ben Solomon at benjamin.solomon@rhsmith.umd.edu

TEDCO Seed Funding



www.tedcomd.com





Send your pitch deck to SEED@TEDCO.MD



Stem Cell Research Fund

Discovery Grants: (\$345K / 24 months)

- Innovative groundbreaking ideas
- Little or no preliminary data



Validation Grants: (\$230K / 18 months)

- Technologies that have intellectual property filed
- Clear market need & Quantifiable milestones

Commercialization Grants: (\$300K / 12 months)

- Licensed technology or IP protection
- Clear commercial milestones & job creation and economic benefits

Clinical Grants: (\$750K / 24 months)

- Clinical trial site in Maryland
- Matching funds 1:1

Post-Doctoral Research Fellowships: (\$130K / 24 months)

 Research institutes or companies/bringing or keeping the best trainees in MD



Maryland Industrial Partnership (MIPS) Program

- MIPS promotes the development and commercialization of products and processes through industry/university research partnerships.
- The maximum MIPS awards:
 - \$100,000 per year for large and small companies
 - \$90,000 per year for start-up firms
- MIPS provides matching funds to help Maryland companies pay for the university research.
 - a. Research and Development: Research may be in the broad areas of engineering, computer science, physical sciences and life sciences.
 - **b.** Education and Training: Projects may also help a company plan and develop industrial training programs for its employees.





Maryland Innovation Initiative

Technology Assessment Phase

Goal: Technology validation and

market assessment

Duration: 9 months

Funding: up to \$115,000

Eligible universities:

- Johns Hopkins University
- University of Maryland College Park
- University of Maryland Baltimore County (UMBC)
- University of Maryland Baltimore
- Morgan State University



Maryland Innovation Initiative

Company Formation Phase

Goal: Commercial Launch

Duration: 9 months

Funding: up to \$150,000

Eligibile University Start-ups:

- (i) that have licensed technologies from a Qualifying University within twelve (12) months of applying for a Program award
- (ii) that are located in Maryland

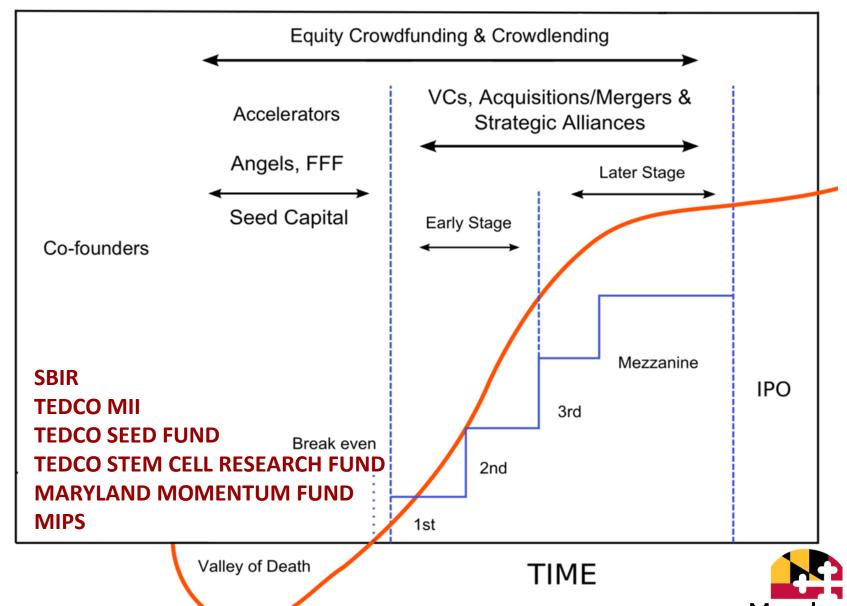


Maryland Momentum Fund

- Late seed-stage funding
- Award: \$150,000 to \$250,000, with a maximum investment of \$500,000. These investments will be equity purchases or notes that are convertible into equity.
- Funding requires a 1:1 match by a third-party investor
- Other requirements:
 - The IP is owned by a University System of Maryland member institution and licensed to the company;
 - A founder or an inventor in the company is a member of the USM faculty, a graduate of a USM institution, or a student at a USM institution; or
 - The company is located in a USM research park or incubator, or in a Regional Institution Strategic Enterprise (RISE) zone.



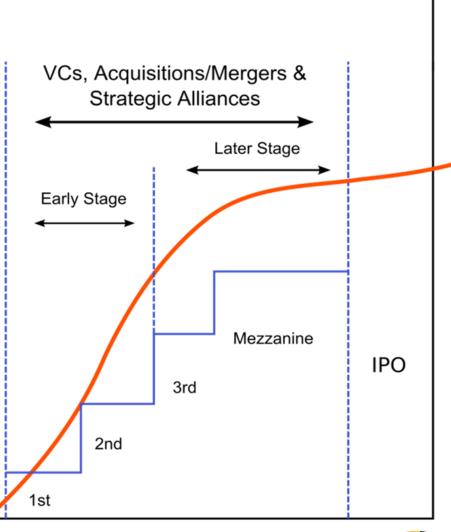
Maryland Seed Funding



Maryland Early Stage Funding



- Sector agnostic
- Stage agnostic
- \$500K \$1.5M investment



TIME



Biotechnology Investment Incentive Tax Credit



- Administered by the Maryland Department of Commerce
- Provides investor with refundable income tax credit of 50% on eligible investment
- Maryland's Biotechnology Investor Incentive Tax Credit (BIITC) has attracted \$169 million in total capital investment. (FY2007-FY2016)

VENTURE CAPITAL









www.tcp.vc

noblebioventures.com

saasventurecapital.com





www.epidarex.com

toucancapital.com

Not-For-Profits & Public-Private Partnerships



ABELL FOUNDATION

abell.org



biohealthinnovation.org

Network, Network, Network.















Any questions?



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